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(54) Title: METHODS FOR SEPARATING AND/OR IDENTIFYING DNA MOLECULES		
(57) Abstract The invention provides a method for separating a DNA molecule from a mixture of DNA molecules, which method comprises: (i) amplifying the DNA molecules in the mixture; (ii) hybridising single strands of the amplified DNA molecules with a complementary strand of a reference DNA molecule so as to form duplexes; and (iii) separating the duplexes. The different DNA molecules in the original mixture give rise to duplexes having different numbers, positions or types of mismatches. This allows the duplexes to be separated by, for example, gel electrophoresis. The separated duplexes can then be analysed to identify the DNA molecules that were present in the original mixture.		

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